



Magnetic Vehicle Sensors

- Self-contained sensor without need for external electronics or controller
- Compact & robust design with various mounting configurations
- Available as cylindrical housing or as "flatpack", IP69K sealed
- Patented 3-axis magneto-resistive based technology: sensor uses the earth's magnetic field to sense large ferro-magnetic objects such as motorcycles, cars, trucks, ...
- Suitable for above- or below-ground installations
- Simple "click-&-teach" to store ambient background conditions, and to ignore the permanent presence of ferrous objects
- Technical Data:
 - Power supply 10 to 30 Vdc
 - PNP and NPN switching outputs
 - Wide temperature range: -40 °C to +70 °C



M-GAGE™

Magnetic sensing technology eliminates inductive loops!



▲ **Overhead Door**

Detect approaching/departing vehicles such as forklifts at high speed opening doors. Invisible mounting under the floor.



▲ **Loading Dock**

Signal arrival of trucks at loading docks, trigger automated dock levelling systems. Close doors for security after truck leaves.



S18M Housing Style



▲ **Car Wash Entry/Exit**

Detect if vehicles are present in the wash tunnel, collision avoidance, trigger special wash units, open/close doors.



▲ **Drive-In**

Alert personnel that vehicle is present at order point or collection counter. Multiple M-GAGES can be used for drive-in timing systems.



Flat Pack Housing Style

Banner Engineering offers the industry a highly complete and integrated line of photoelectric and ultrasonic sensors, machine safety products, measurement and inspection products and vision sensors. Banner Engineering is a US based company with subsidiaries around the world for global sales and support.

Banner Engineering Europe
Koning Albert 1 laan, 50
1780 Wemmel • Belgium
Phone: +32 2 456 07 80
Fax: +32 2 456 07 89
Info: mail@bannerengineering.be
Web: www.bannerengineering.com

